

In the specification:

Please replace paragraph number [00102] with the following amended paragraph:

[00102] Apparatus 600a can also be used to form laminates 80, 180, 280 and 380. Similar to apparatus 500, apparatus 600a can also form reinforcing nets 10, 110 and 310. Then by placing first substrate 55 and second substrate 85 so that they sandwich the reinforcing net 10, 110 or 310 and passing the combined structure through nip rolls 514, laminate 80, 180, 280 or 380 can be formed.

Please replace paragraph number [00104] with the following amended paragraph:

[00104] Referring now to FIG. 15b, an apparatus 600b for manufacturing a laminate 280, which is then used to form a helically wound product 282, is illustrated. Apparatus 600b incorporates the elements present in apparatus 600a (similar or common elements will be referenced using the same numbers), however, nip rolls 514 are used to form a helically wound product 282 from laminate 280. FIG 15b is a simplified illustration of the apparatus that does not show all of the necessary elements. Not shown in FIG. 15b are the overall frame and structure of the apparatus, the drive motor, all of the necessary guides for first substrate 55 and second substrate 85, etc. Apparatus 600b can also be used to form laminate 80a, 180a, 280a or 380a by placing first substrate 55 and second substrate 85 so that they sandwich the reinforcing net 10, 110, 210 or 310, which may then be used to form a respective helically wound product.

Please replace paragraph number [00105] with the following amended paragraph:

[00105] Referring now to FIG. 15c, apparatus 600c for manufacturing a laminate 380 is illustrated. Apparatus 600c is similar to apparatus 600a, in that it incorporates many of the same elements. Additionally, warp yarns 38 are placed adjacent to the weft yarns 14 after the weft yarns 14 are wrapped around the spreader yarns 12 and all three

elements are passed through nip rolls 514 forming ~~ribbon~~ laminate 380. ~~Ribbon~~ Laminate 380 is then collected on spooler 515. Apparatus 600c can also be used to form laminate 380a by placing first substrate 55 and second substrate 85 so that they sandwich the reinforcing net 310. Laminate 380a is then collected on spooler 515.

Please replace paragraph number [00106] with the following amended paragraph:

[00106] Referring now to FIG. 15d, apparatus 600d for manufacturing a laminate 380, and then forming a helically wound product 382 with laminate 380, is illustrated. Apparatus 600d incorporates the elements present in apparatus 600c (similar or common elements will be referenced using the same numbers), however, nip rolls 514 are used to form a helically wound product 382 from laminate 380. FIG 15d is a simplified illustration of the apparatus that does not show all of the necessary elements. Not shown in FIG. 15d are the overall frame and structure of the apparatus, the drive motor, all of the necessary guides for first substrate 55 and second substrate 85, etc. Apparatus 600d can also be used to form laminate 80a, 180a, 280a or 380a by placing first substrate 55 and second substrate 85 so that they sandwich the reinforcing net 10, 110, 210 or 310, which may then be used to form a respective helically wound product.

Please replace paragraph number [00107] with the following amended paragraph:

[00107] Referring now to FIG. 16, an apparatus 700 for manufacturing a laminate 280b, comprising a reinforcing wire 69, and then forming a helically wound product 282b is illustrated. Apparatus 700 incorporates the elements present in apparatus 600a (similar or common elements will be referenced using the same numbers) and further comprises a reinforcing wire supply 750 that supplies reinforcing wire 69. FIG 16 is a simplified illustration of the apparatus that does not show all of the necessary elements. Not shown in FIG. 16 are the overall frame and structure of the apparatus, the drive motor, all of the necessary guides for first substrate 55, second substrate 85, reinforcing wire 69, etc.

Appln. Nb. 10/654,956
Amdt. dated November 30, 2006
Reply to Office action of October 6, 2006

Please replace paragraph number [00109] with the following amended paragraph:

[00109] Apparatus 700 can also be used to form laminate 80b, 180b, 280b or 380b by varying the number of warp yarns 38 and warp yarn spools 524.

Please replace paragraph number [00110] with the following amended paragraph:

[00110] Referring now to FIG. 16a, apparatus 700a for manufacturing a laminate using reinforcing net 210a is illustrated. Apparatus 700a is similar to apparatus 700, in that it incorporates many of the same elements. Additionally, warp yarns 38 are placed adjacent to the weft yarns 14 after the weft yarns 14 are wrapped around the spreader yarns 12 forming a laminate with reinforcing net 210a, forming laminate 380b, and then forming a helically wound product 382b.